



PATENT
Attorney Docket No.: FAIR-07500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Ara Bicakci

Patent No. 6,741,289 B1
Serial No.: 09/703,517

Issue Date: May 25, 2004
Filed: October 31, 2000

For: **A TECHNIQUE TO STABILIZE
THE CHROMINANCE
SUBCARRIER GENERATION IN A
LINE-LOCKED DIGITAL VIDEO
SYSTEM**

) Group Art Unit: 2611

) Examiner: Victor R. Kostak

) **TRANSMITTAL LETTER**

) 162 North Wolfe Road
) Sunnyvale, California 94086
) (408) 530-9700

) Customer Number 28960

Attn: Decision and Certificate of Correction
Branch of the Patent Issue Division

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

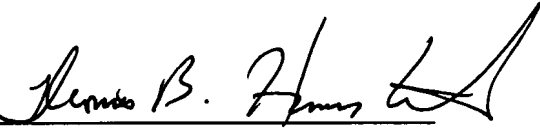
Sir:

Enclosed please find a Second Request for Certificate of Correction of Patent for Applicant Mistake Under 37 § CFR 1.323 for filing with the U.S. Patent and Trademark Office. Also attached in duplicate is Form PTO-1050 and a copy of a Notification of Return of Papers.

The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: August 16, 2004

By: 
Thomas B. Haverstock
Reg. No.: 32,571

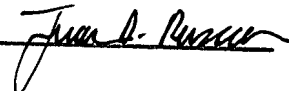
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CERTIFICATE OF MAILING (37 CFR § 1.8(a))

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- 1 -

HAVERSTOCK & OWENS LLP.

Date: 8-16-04 By: 

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CERTIFICATE OF CORRECTION

PATENT NO. : 6,741,289 B1
DATED : May 25, 2004
INVENTOR(S) : Bicakci

Page 1 of 7

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page showing illustrative figure should be deleted to be replaced with the attached title page.

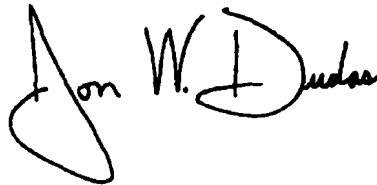
Drawings sheets, consisting of Figs. 1-7, should be deleted to be replaced with the drawings sheets, consisting of Figs. 1-7, as shown on the attached pages.

Title page,

Item [73], Assignee, delete "**FAIRCHILD SEMICONDUCTORS, INC.**" and insert
-- **FAIRCHILD SEMICONDUCTOR, INC.** --

Signed and Sealed this

Twenty-eighth Day of September, 2004

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a cursive "Dudas".

JON W. DUDAS

Director of the United States Patent and Trademark Office

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CERTIFICATE OF CORRECTION

PATENT NO. : 6,741,289 B1
DATED : May 25, 2004
INVENTOR(S) : Bickel

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page showing the illustrative figure should be deleted to be replaced with the attached title page.

Drawing sheets, consisting of Figs. 1-7, should be deleted to be replaced with the drawing sheets, consisting of Figs. 1-7, as shown on the attached pages.

On the title page item [73],

Delete "FAIRCHILD SEMICONDUCTORS, INC." and insert -FAIRCHILD
SEMICONDUCTOR, INC.--.

A



US006741289B1

(12) **United States Patent**
Bicakci

(10) **Patent No.:** **US 6,741,289 B1**
(45) Date of Patent: **May 25, 2004**

(54) **TECHNIQUE TO STABILIZE THE CHROMINANCE SUBCARRIER GENERATION IN A LINE-LOCKED DIGITAL VIDEO SYSTEM**

(75) **Inventor:** Ara Bicakci, San Jose, CA (US)

(73) **Assignee:** Fairchild Semiconductors, Inc., South Portland, ME (US)

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 631 days.

(21) **Appl. No.:** 09/703,517

(22) **Filed:** Oct. 31, 2000

(51) **Int. Cl.⁷** H04N 9/45

(52) **U.S. Cl.** 348/505; 348/194; 348/508

(58) **Field of Search** 348/194, 505, 348/508, 512, 549; 386/41, 13, 17, 19, 20

(56) **References Cited**

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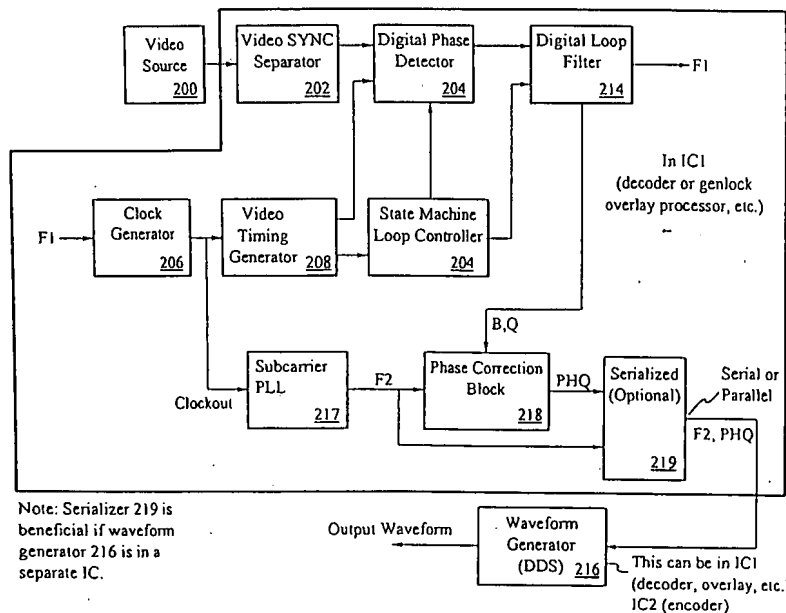
Primary Examiner—Victor R. Kostak

(74) **Attorney, Agent, or Firm**—Haverstock & Owens LLP

(57) **ABSTRACT**

A technique to stabilize subcarrier generation in a line-locked digital video system, caused by simultaneous locking of the genlock device causing continuous changing of a shared clock signal, by calculating a time shift occurring in an output waveform, converting the time shift into an equivalent phase shift and sending a corresponding phase correction number to a waveform generator block to correct the time shift, and thus stabilize subcarrier generation.

45 Claims, 5 Drawing Sheets



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CERTIFICATE OF CORRECTION

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DATED : May 25, 2004

INVENTOR(S) : Ara Bicakci

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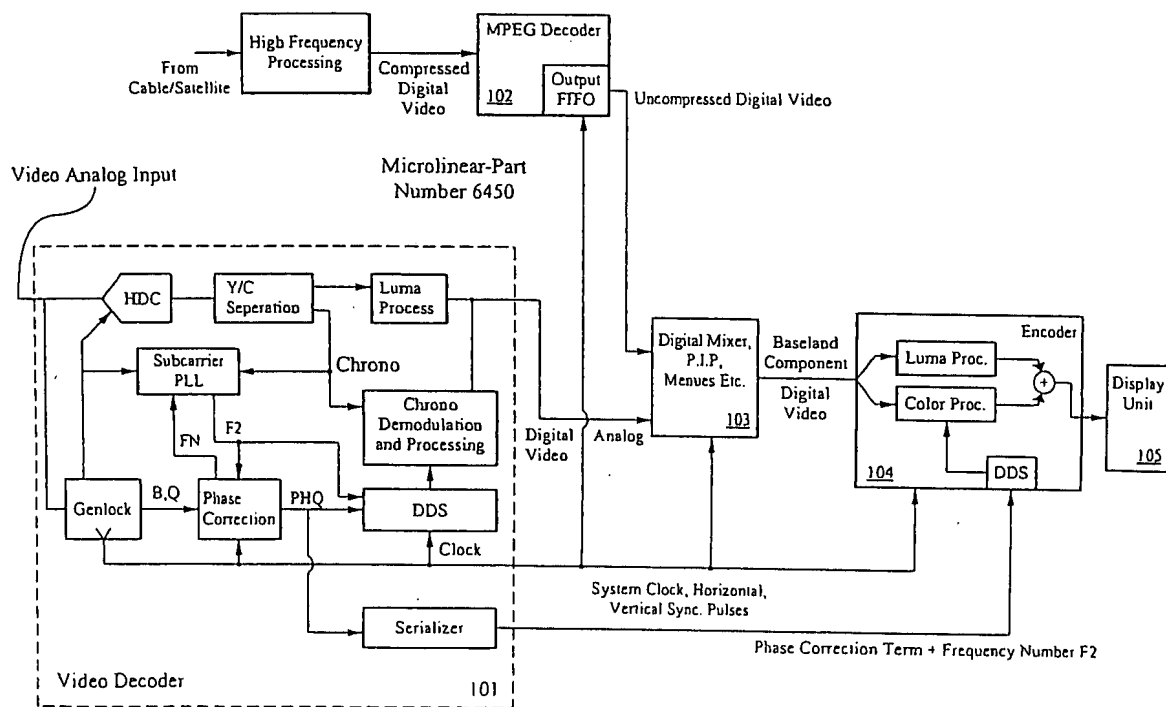


Fig. 1

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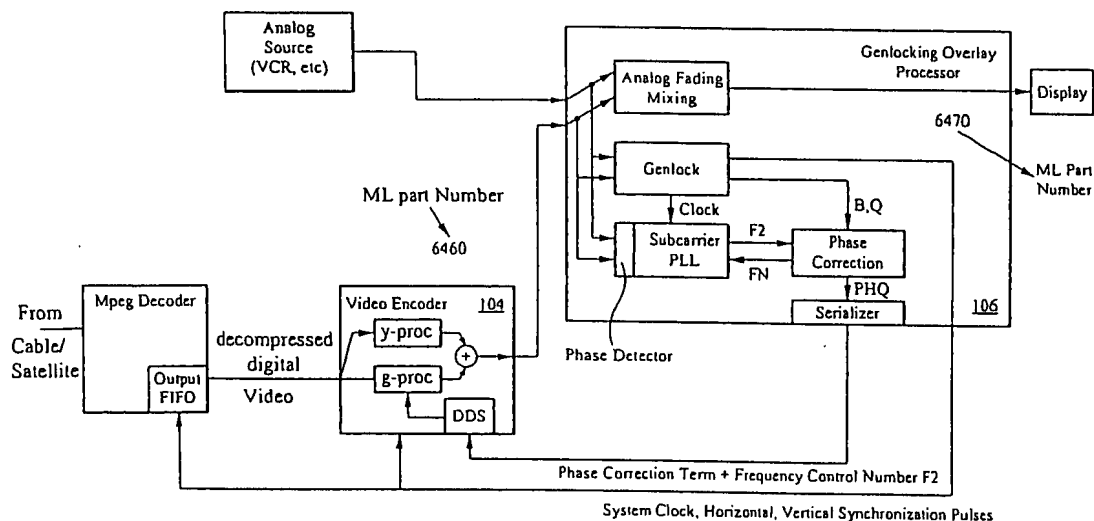


Fig. 1a

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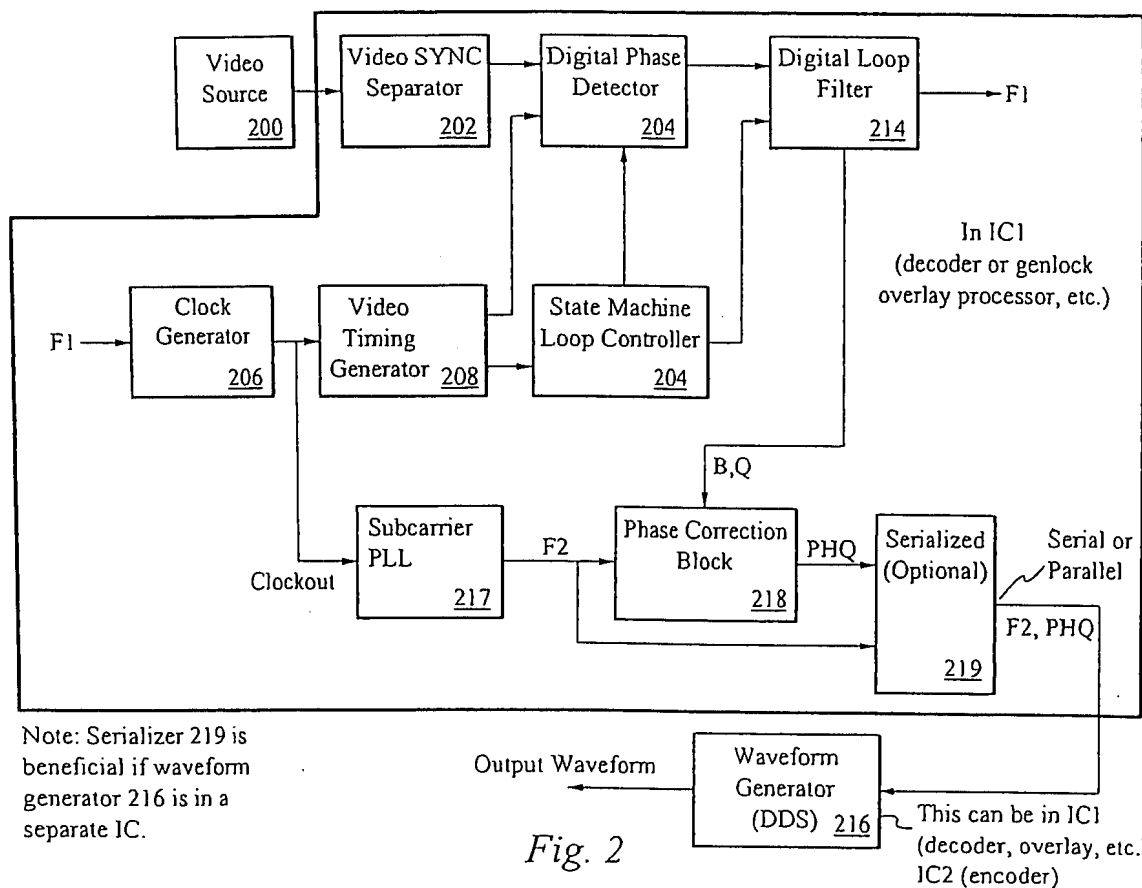


Fig. 2

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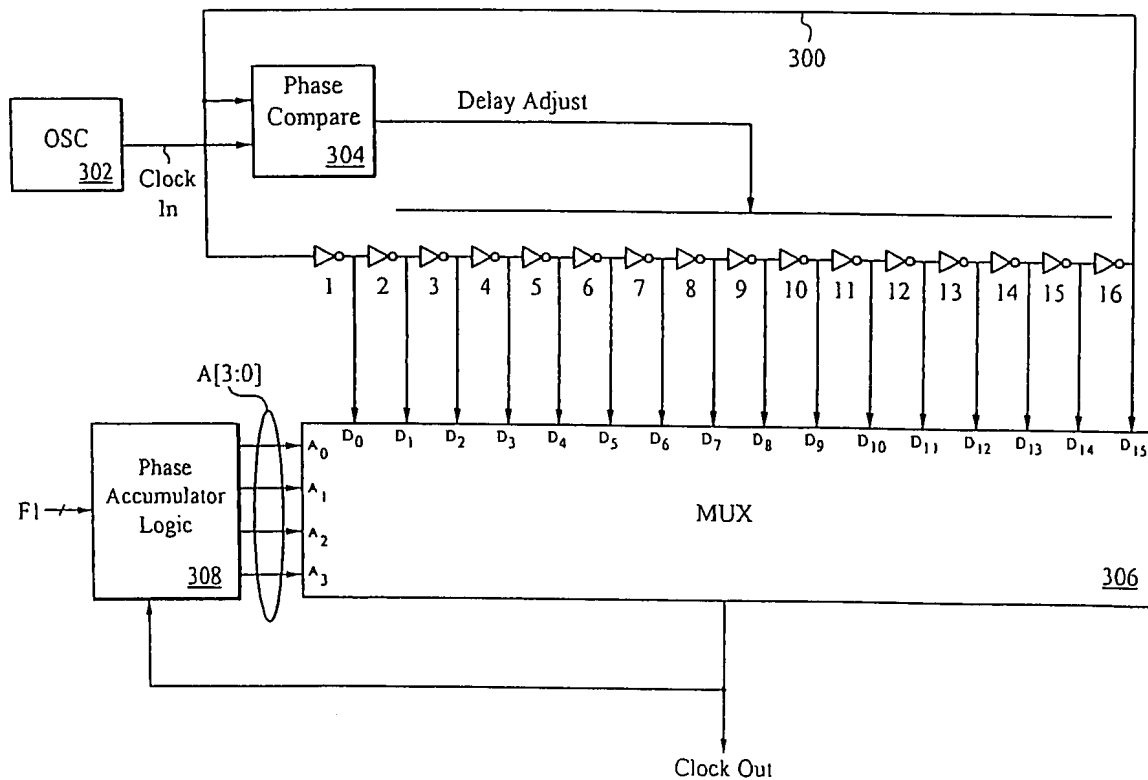
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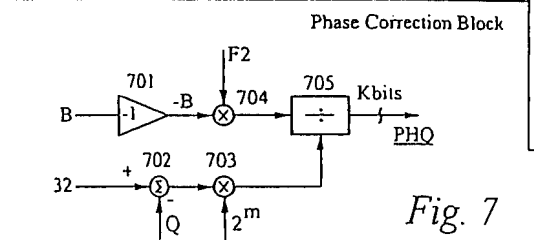
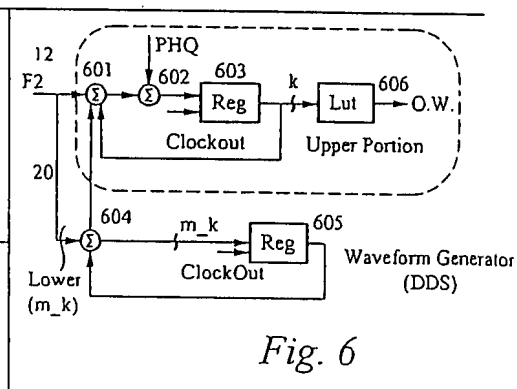
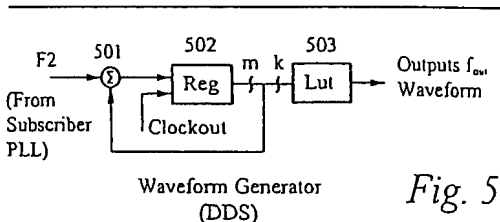
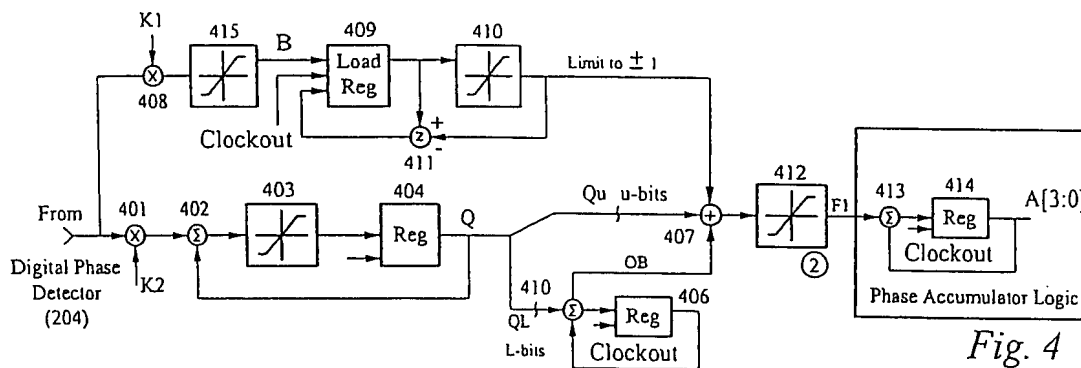
PATENT NO. : 6,741,289 B1

DATED : May 25, 2004

INVENTOR(S) : Ara Bicakci

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PATENT NO.	PATENT DATE 05/25/04
PATENTEE Ara Bicaresi	

MAILING DATE Certificate JUL 09 2004 of Correction

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RE REQUEST FOR CERTIFICATE OF CORRECTION

The request for a Certificate of Correction in the above-identified patent is returned herewith, together with the PTOL-1050 (SB/44) forms (if submitted), for the reason(s) checked below.

- ☐ 1. The request is unsigned. The request must be properly signed before it will be considered.
- ☐ 2. The request does not specifically designate the column and line numbers wherein the errors appear in the patent. A substitute request providing this information is required, for proper consideration.
- ☐ 3. The FORM PTOL-1050 (SB/44) submitted with your request is not suitable for printing purposes. See the instructions on the blank Form PTO-1050, enclosed.
- ☒ 4. The Patent No., as shown on papers attach, appears to be incorrect, because:
 - ☒ a. The Patent No. on the request and on the PTO-1050 do not agree.
 - ☐ b. The name of the patentee on the patented file does not agree with that shown on the enclosed papers..
- ☐ 5. The record reveals that there is no power of attorney to you in this case. A written power or authorization from the patentee, or assignee, if any, must be submitted, before the request may be considered.
- ☐ 6. The request cannot be considered, because the paper indicated below was filed on _____ AFTER payment of the issue fee: [See 37 CFR 1.313(B).]
 - ☐ a. Amendment purported to be under Rule 312.
 - ☐ b. Assignment.
 - ☐ c. Priority papers.
 - ☐ d. Other (identify) _____

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Decisions and Certificate of Correction Branch

FORM PTOL-396 (8/75)

AUG 09 2004